

### **Remarks**

Applicants respectfully request reconsideration of this application as amended. Claims 1, 17 and 25 have been amended. Claims 4, 10-16, 21-24 and 28 were previously cancelled without prejudice. No new claims have been added. Therefore, claims 1-3, 5-9, 17-20, 25-27 and 29-30 are presented for examination. The following remarks are in response to the final Office Action, mailed January 12, 2006 and the advisory action mailed March 23, 2006.

### **Claim Objections**

Claims 1, 17 and 25 stand objected to because of informalities. Claims 1, 17 and 25 have been amended to place the claims in proper condition for allowance. Accordingly, Applicants respectfully request that the objection be withdrawn.

### **35 U.S.C. § 103 Rejection**

Claims 1-3, 5-9, 17-20, 25-27 and 29-30 stand rejected under 35 U.S.C. §103(a), as being unpatentable over Matyas, Jr., et al., U.S. Patent No. 6,687,375 (“Matyas”) in view of Chen, et al., U.S. Patent No. 6,182,220 (“Chen”) further in view of Hardy, et al., U.S. Patent No. 6,073,242 (“Hardy”) and further in view of Menezes, et al., “Hand Book of Applied Cryptography”, (“Menezes”).

Applicants respectfully submit that Matyas discloses a “computer program which generate[s] a cryptographic key utilizing user specific information to generate a user dependent key.” (Abstract). Matyas further discloses “*a PRNG . . . for generating pseudo random numbers. [T]he PRNG having only one secret seed value.*” (col. 9, lines 19-25; emphasis provided).

Chen discloses “[a] method . . . for *communicating encrypted user passwords from a client to a server.*” (Abstract; emphasis provided). Chen further discloses that “[t]he server *communicates to the client a server random seed value.* The client then *generates a client random seed value* and, using both the client random seed value and the server random seed value, an encrypted user password. The client then *communicates to the server the client random seed and the encrypted user password.* Then the server validates the encrypted user password using both the server random seed and the client random seed.” (col. 2, lines 1-9; emphasis provided).

Hardy discloses “[a]n electronic communication authority server that provides centralized key management, implementation of role-based enterprise policies and workflow and projection of corporate authorities over trusted networks.” (Abstract). Hardy further discloses that “*a secure connection is a connection where the level of confidentiality, authentication, and integrity is sufficient* for the purposes of the system owners and users.” (col. 3, lines 54-56; emphasis provided).

Menezes discloses that “a session key is an ephemeral secret, i.e., one whose use is restricted to a short time period such as a single telecommunications connection, after which all trace of it is eliminated.” (page 494, lines 3-5).

In contrast, claim 1, in pertinent part, recites “securely obtaining additional seeding information from one or more remote entropy servers using a secure entropy collection protocol, wherein the securely obtaining of the additional seeding information is repeated for each entropy server.” (emphasis provided). Applicants submit that Matyas, Chen, Hardy and Menezes individually, or when combined, in any combination, do not teach or reasonably suggest such a feature. Accordingly, Applicants respectfully request that the rejection to claim 1 and its dependent claims be withdrawn.

Claims 17 and 25 contain limitations similar to those of claim 1. Accordingly, Applicant respectfully requests that the rejection of claims 17 and 25 and their dependent claims be withdrawn.

### **Conclusion**

In light of the foregoing, reconsideration and allowance of the claims is hereby earnestly requested.

### **Invitation for a Telephone Interview**

The Examiner is requested to call the undersigned at (303) 740-1980 if there remains any issue with allowance of the case.

### **Request for an Extension of Time**

Applicant respectfully petitions for an extension of time to respond to the outstanding Office Action pursuant to 37 C.F.R. § 1.136(a) should one be necessary. Please charge our Deposit Account No. 02-2666 to cover the necessary fee under 37 C.F.R. § 1.17(a) for such an extension.

### **Charge our Deposit Account**

Please charge any shortage to our Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

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Aslam A. Jaffery  
Reg. No. 51,841

12400 Wilshire Boulevard  
7<sup>th</sup> Floor  
Los Angeles, California 90025-1030  
(303) 740-1980